

**AGENCY REQUEST FOR
A/E SELECTION
MARCH 2016**

AGENCY: Department of Administration (DOA)

AGENCY CONTACT: Ted Crawford; (608) 266-1674; ted.crawford@wisconsin.gov

LOCATION: Risser Justice Center
17 W. Main Street & 120 Martin Luther King Blvd.
Madison, Wisconsin

PROJECT REQUEST:

The A/E will provide pre-design through construction administration services for a permanent outside ventilation air intake extension project at the Risser Justice Center for a total estimated project cost of \$419,800. A/E services will follow the DFD “*Policy and Procedure Manual for Architects/Engineers and Consultants*”, the “*Guide for Developing Program Statements for Projects Requiring Enumeration*”, and the DFD “*Contract for Professional Services* as directed by DFD at the Design Kickoff meeting. The services may be contracted for in multiple contracts, or a multi-part contract, with project-specific review/ approval/ authorization points in the contract as determined by the needs of the project. Authorization for subsequent services will be issued in writing upon satisfactory performance and completion of contracted services and deliverables.

The A/E design team for this project shall have architectural, structural and mechanical design and construction experience in building envelope and air intake enclosures and be experienced in obtaining city plan commission project approvals. The design team shall also have wind tunnel dispersion modeling and analysis experience and facilities.

PROJECT NUMBER: 16A2F

PROJECT DESCRIPTION:

This project will develop options for alternate outside ventilation air intake configurations to serve the existing building’s air handling units. Option development and selection for design and construction will include identification of surrounding exhaust contamination sources (vehicles, emergency generators, boiler vents, cooling towers, building exhausts, etc.) and physical wind tunnel dispersion modeling and analysis of a scale model to determine an acceptable outside ventilation air intake configuration. The project will design and construct the selected configuration which is presumed to be an exterior air intake extension enclosure.

JUSTIFICATION:

The 243,000 GSF Risser Justice Center (RJC) was completed in 2001. It has eight above ground floors and four basement levels. This facility provides administrative office space for several state agencies and legislative support offices. The Risser Justice Center’s ventilation, heating and cooling is provided by air handling units, one per floor, on each of floors 2 through 8.

Outside ventilation air intake and relief air exhaust for these are located on each floor on the southwest building wall 10' from the southwest property line.

During the fall of 2015, a major re-development project was initiated adjacent to the Risser Justice Center which includes the construction of an expanded, multi-story office building with a loading dock, and the excavation/construction of an underground parking ramp along the southwest property line of the state building. This project constrains free site airflow to the outside air intake and adjacent relief exhaust louvers between the two buildings and negatively affects outside ventilation air quality due to re-entrainment of exhaust from the adjacent property and from the Risser Justice Center. A cost effective and permanent solution is needed to address these issues.

The selected A/E will receive information regarding the adjacent redevelopment project and building plans for the Risser Justice Center at the Design Kickoff meeting.

BUDGET/SCHEDULE:

| Budget Line | \$ |
|---------------------------|-------------------|
| Construction | \$ |
| Design | \$ |
| DFD Mgmt. | \$ |
| Contingency | \$ |
| Equipment | \$ |
| Other Fees | \$ |
| Total Project Cost | \$ 419,800 |

| Project Schedule | Date |
|-------------------------|-------------|
| A/E Selection | FEB 2016 |
| Design Report | JULY 2016 |
| Wind Tunnel Modeling | JULY 2016 |
| SBC Approval | AUG 2016 |
| Bid Opening | DEC 2016 |
| Start Construction | FEB 2017 |
| Substantial Completion | NOV 2017 |
| Final Completion | FEB 2018 |